

DEPARTMENT

MN POLLUTION CONTROL AGENCY

Office Memorandum

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DATE: June 1, 1982

FROM

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PHONE

SUBJECT:

LOG FOR REILLY TAR AND CHEMICAL, ST. LOUIS PARK

US EPA RECORDS CENTER REGION 5



515410

Attached is a copy of the June 1, 1982 log for this project. I have tried to incorporate your suggestions for improvement. Thank you for your input.

I have changed the priority ranking as follows:

Priority A - Task should be completed in 7-10 days or sooner

Priority B - Task should be completed in 30 days or sooner

Priority C - Task will be completed in longer than 30 days

Priority F - Task has been finished

Priority PD- Task is past due

Priority NA- Task is not assigned

I hope that this clears up some of the earlier confusion. There still needs to be work done on parties responsible and coordinate parties. These should be ironed out by the next log.

As always, I appreciate your comments and suggestions for improvements.

MJH/dc

Attachment

LOG - JUNE 1, 1982
REILLY TAR AND CHEMICAL
ST. LOUIS PARK, MINNESOTA

PRIVILEGED

Goal/Issues	Priority	Task	Responsible For Initials Agency	Coordinate With Initials Agency
I. Contain ground water contamination; clean up ground water contamination; provide drinking water for St. Louis Park, Hopkins				
1. Water treatment study	A	-See IV.3.	MJH RF	PCA PCA DC MC DK PBB SR SS MDH MDH SLP EPA PCA AG
2. MDH sets drinking water for PAH and criteria for re-opening closed wells	B	-Breimhurst to meet with Petterson 3rd week of June	MJH RD	PCA MDH RF GM LR RD PCA PCA MDH
3. MPCA sets discharge standards for PAH	A	-Water Quality Division sets limit: Dave Maschwitz writes memo	MJH	PCA RF RC DM MC DC JP PCA PCA PCA MDH AG EPA
	C	-Determine background levels of PAH in Minnehaha Creek and Mississippi River	RF	PCA "
	C	-Determine influent/effluent of PAH at MWCC Pig's Eye plant	RF	PCA "
	NA	-Determine effects of PAH on sludge (concentration and disposal practices)	MJH	PCA "
	C	-Determine concentrations of PAH in discharges near site (i.e. Methodist Hospital)	RF	PCA "

Goal/Issues	Priority	Task	Responsible For Initials Agency	Coordinate With Initials Agency
1.3. continued				
	NA	-Determine concentration of PAH in other discharges in state	MJH PCA	" "
	NA	-Determine concentration of PAH in other discharges in other states	MJH PCA	" "
4. USGS completes report and computer model	A	-See IV.6.		
5. Well abandonment	A	-Reconstruct well 23 Hickok to start June 7	MJH RF PCA PCA	MC SS MDH AG MH USGS
	C	-Reconstruct sugar beet	MJH RF PCA PCA	MC SS MDH AG MH USGS
	C	-Well survey Hickok to start with institution	MJH RF PCA PCA	MC SS MDH AG MH USGS
	A	-MJH to look at door-to-door techniques, especially PR	MJH PCA	MC SS MDH AG MH USGS
6. Determine effects of conventional water treatment on PAH	A	-Coordinate analysis of raw and finished water samples with Reilly's consultant	MJH PCA	DG MK MDH MDH
	C	-MDH will consider analysis of finished water, as part of on-going municipal sampling program	MC MDH	MJH DK PCA SLP
	C	-MDH will consider expanding above to Hopkins	MC PCA	MJH - PCA HOP
	C	-Water treatment study will check	MJH PCA	GE MDH

Goal/Issues	Priority	Task	Responsible For Initials	Agency	Coordinate With Initials	Agency
I. continued						
7. Do additional contaminants (other than PAH) exist at or near site	C	-Water treatment study will investigate nitrogenous and sulfur aromatic heterocycles				
	NA	-Do other sources of PAH or creosote waste exist at or near the site?				
	NA	-Do other organic contaminants (such as solvents) exist which could cause PAH compounds to move differently?				
	NA	-Do other inorganic contaminants (such as heavy metals) exist?				
8. Status of stored samples	C	-Maintain security of samples at Polar Locker	RF	PCA	DT MC	PCA MDH
	NA	-Determine which samples should be analyzed and which should be tossed	RF	PCA	DT MC	PCA MDH
9. SLP drinking water	F	-SLP sets emergency and contingency plan for water use: April 15, 1982				
	F	-SLP connects to Plymouth: May 24, 1982	DK	SLP	DG MC	MDH MDH
	C	-SLP to investigate connection to Minneapolis and Minnetonka	DK	SLP	DG MC	MDH MDH
	C	-Water treatment study to investigate alternative water supplies (see I.1.)	DK	SLP	DG MC	MDH MDH
	C	-Well 17 to be completed by Sept. 1, 1982	DK	SLP		

Goal/Issues	Priority	Task	Responsible For Initials Agency	Coordinate With Initials Agency
I.9 continued				
	C	-Water treatment study to investigate costs of new or deeper wells in SLP		
	NA	-Investigate participation by RT in SLP water supply	MC MDH	RF JP PCA EPA
10. Other Reilly Tar sites (e.g. SE Minneapolis)	C	-Determine whether further investigation justified	RF PCA	MJH DC PCA AG

June 1, 1982

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Goal/Issues	Priority	Task	Responsible For		Coordinate With	
			Initials	Agency	Initial's	Agency
II. Contain, treat and/or remove source materials and restore the site to developable land (with restrictions on development and long term monitoring)						
1. Do source materials investigation, including bench testing, pilot testing, cost effective analysis and plans and specifications for containing treating and/or removing source materials.	A	-Develop work task, timeline and costs for cooperative agreement by 6/14/82 (see IV.4.)	MJH	PCA	RF MH PBB	PCA USGS EPA
2. Coordinate development at NW corner of site	A	-Determine status of development, metro council decision, status of monitoring samples	MJH	PCA	RF MC DC	PCA MDH AG

Goal/Issues	Priority	Task	Responsible For Initials	Agency	Coordinate With Initials	Agency
III. Successfully conclude litigation against Reilly Tar and Chemical and recover funds which have and will be expended to clean up the site and ground water						
A. Organize data and prepare data presentation	B	-Confidentiality/privilege question	KS SS	AG AG		
1. Computer		-Encode data and reports as they become available	KS	AG	MJH	PCA
2. Compile data	B	-Decide format for presentation of water quality analysis and soils analysis	SS DC	AG AG	MJH RF	PCA PCA
	C	-Compile water analysis	MC MJH	MDH PCA		
	C	-Compile soil analysis	RF	PCA		
	NA	-Computer storage	MJH KS	PCA AG		
3. Documents	C	-Supplement production of documents to Reilly	KS	AG		
	C	-Feed documents to control system (number and index documents)	JP ED EH	EPA DOJ DOJ	KS DC	AG AG
4. Graphics	F	-Map of buildings and facilities	RF	PCA	DC JP MK ED	AG EPA EPA DOJ
	C	-Locate wells and where water supplies taken	RF	PCA	" "	" "
	C	-Prepare graphics showing extent of contaminant plumes	MJH DC	PCA PCA	"	"

Goal/Issues	Priority	Task	Responsible For Initials	Agency	Coordinate With Initials	Agency
III.4 continued						
	C	-Duplicate USGS prints, slides and OH's	MJH	PCA	"	"
	C	-Inventory photos held by SLP				
	C	-Organize and annotate photo collection	MJH	PCA	DC	AG
5. Reilly Tar Process	F	-Final draft completed	SR	PCA	DC MK	AG EPA
B. Retain expert witnesses						
1. Retain expert chemist to analyze and critique existing data, laboratory technique, QA/QC	F	-Telephone interview with chemist: 5/12 and 5/13	SS DC MK	AG AG EPA	MJH	PCA
	A	-Kimball and Warshawsky to visit: 6/8 and 6/9	RL ED	EPA DOJ		
2. Retain expert toxicologist-EPA to provide list	A	-Telephone interviews with toxicologist: 5/20, 5/27	"	"	"	"
3. Retain soil scientist/soil chemist to establish that R.T. wastes are in soil and ground water	A	-See B.1.	"	"	"	"
4. Retain expert on in-place biological degradation (Kirk Brown)	F	-Retained	"	"	"	"
5. Retain chemical engineer to consult on R.T. process (Warren Thompson)	F	-Retained	SR RL	PCA EPA	DC JP ED	AG EPA DOJ
6. Retain pollution control expert to advise what was "state-of-the-art" pollution control equipment	F	-See B.5. possibly	MK	EPA	SR MJH DC ED	PCA PCA AG DOJ

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Goal/Issues	Priority	Task	Responsible For Initials Agency	Coordinate With Initials Agency
III.B. continued				
7. Retain "crusty" geologist	F	-Geraghty Miller retained	MK EPA	RF MJH MC DC SS ED PCA PCA MDH AG AG DOJ
Litigation				
1. Pleadings, orders, stipulations, motions		-Awaiting ruling on Reilly's Motion to Dismiss		
		-Research appeal possibilities	SS AG	DC ED AG DOJ
2. Depositions				
a. Reilly Tar	C	-Depose Mr. Finch - July, 1982	DC SS BMc	AG AG AG SR RL ED PCA EPA DOJ
	NA	-Depose other current R.T. employees		
	NA	-Depose past R.T. employees		
b. SLP officials and employees	NA	-Past and current	DC SS	AG AG RL ED EPA DOJ
c. PCA employees	NA	-Past and current	DC SS	AG AG
d. MDH employees	NA	-Past and current	DC SS PZ	AG AG AG

Goal/Issues	Priority	Task	Responsible For		Coordinate With	
			Initials	Agency	Initials	Agency
III. continued						
3. Interrogatories						
a. R.T.'s answers	F					
b. Federal interrogatories						
c. MN interrogatories to SLP	C	-Interrogatories re: contamination of site and purchase			SS ED	AG DOJ
4. Admissions	C	-Draft request for admissions	DC SS	AG AG	RF SR RE ED FH	PCA PCA EPA DOJ DOJ
5. Magistrate or special master		-Defer decision until after argument of Reilly Motion to Dismiss	DC SS	AG AG	RE ED FH	EPA DOJ DOJ
6. Other landowners	F	-MN delineate "swamp" area as it existed over the years	DC SS	AG AG	RL ED FH	EPA DOJ DOJ
	F	-EPA identify landowner of "swamp"	DC SS	AG AG	RL ED FH	EPA DOJ DOJ
7. Witnesses	C	-Contact witnesses to R.T. operations and organize interview notes	DC BMc SS	AG AG AG		
8. Field activities: Inform Reilly of Agency and subcontractor field activities	A	-Hickok to start on well 23 on 6/7/82	MJH RF	PCA PCA	SS DC	AG AG
	A	-Submittal of cooperative agreement to do source facility planning	MJH RF	PCA PCA	SS DC	AG AG

Goal/Issues	Priority	Task	Responsible For Initials Agency	Coordinate With Initials Agency
III. continued				
9. Investigations: Keep informed of Reilly's activities in the field	B	-Reilly to sample raw and finished water	MJH DG	PCA PCA SS DC AG AG
10. QA/QC at labs	C	-Establish QA/QC between labs by comparing analytic results by USGS, MDH and MRI. MK reported that Frank P. P. of EPA's <i>Cincinnati</i> lab (Frank P. P. Lab) can do QA/QC. MJH to follow-up with MK.	MJH PCA	RF PCA MC MDH SS AG DC AG JP EPA MK EPA ED DOJ

Goal/Issues	Priority	Task	Responsible For Initials Agency	Coordinate With Initials Agency
IV. Administer grants and contracts				
1. \$400,000 CERCLA grant	F	-File grant amendment for time extension and summarize progress to date by 5/1/82	MJH PCA	RF PCA
2. \$200,000 Hickok contract	F	-Contract signed by MDA by 4/20/82	RF PCA	MJH PCA
	A	-Work schedule to be submitted by Hickok first week of June	MJH RF PCA PCA	MJH PCA
		-Meet with SLP and Hickok on 6/8/82 as per contract	MJH RF PCA PCA	DK SLP
3. \$200,000 water treatment	F	-Transmit proposals to review team		MJH
	F	-Review proposals by five consortiums	MJH RF SR PBB DK MC JP	PCA PCA PCA EPA SLP MDH EPA
	F	-Conference call among review team to pick interviewees 5/11/82	"	"
	F	-Interviews on 5/17/82	Review Team	
	F	-Selected consultant: CH ₂ M Hill-Barr Eng. 5/24/82	Review Team	
	F	-Notify consortiums	MJH PCA	

Goal/Issues	Priority	Task	Responsible For Initials	Agency	Coordinate With Initials	Agency
IV. continued	A	-Negotiate contract	MJH	PCA	RF PBB MC DK MH SS DC	PCA EPA MDH SLP USGS AG AG
	B	-Develop and implement community relations plan	MJH	PCA	PBB DK	EPA SLP
4. Negotiate cooperative agreement with EPA under Superfund	A	-Fill out application form 500-33 by 6/15/82	MJH	PCA	PBB	EPA
	A	-Notify state clearinghouse by 6/15/82	MJH	PCA		
	F	-Write letter requesting credit for state match by 5/15/82	MJH	PCA	PBB	EPA
	F	-Write assurance for cooperative agreement by 5/15/82	MJH	PCA	RF GM DW SS	PCA PCA PCA AG
	F	-Develop work plan, scope, costs and time line for well abandonment portion by 5/15/82	RF	PCA PBB MH	MJH EPA USGS	PCA
	A	-Develop work plan, scope, costs and time line for source containment, treatment and/or removal of source materials by 6/15/82	MJH	PCA	RF PBB MH	PCA EPA USGS
	B	-Develop detailed cost estimates for credit for state match by 7/1/82	MJH	PCA	RD DC SS	MDH AG AG

Goal/Issues	Priority	Task	Responsible For Initials	Agency	Coordinate With Initials	Agency
IV. continued						
5. Finish up work on Hickok 11/81 report	C	-Abstract report for legal	MJH	PCA	KS DC SS	AG AG AG
	F	-Provide comments on Weston critique of Hickok report	RF	PCA	"	"
6. USGS contract a. Contracts	PD	-Final report transport of coal-tar derivatives in Prairie du Chien-Jordan aquifer, SLP	MH	USGS		
	PD	-Computer transport model	MH	USGS		
	F	-Letter from MJH to USGS in response to their 2/17/82 letter, offering to negotiate payment of bill and completion of above two tasks	MJH	PCA	RF GM MH	PCA PCA USGS
	A	-Meeting with PCA, MDH, USGS	MJH	PCA	RF GM MH SS GE	PCA PCA USGS AG MDH
		-Multi aquifer well report				
		-Microbial action report				
		-well for pump test on drift				
	B	-Respond to 2/17/82 letter of Gillies to Richie	MJH	PCA	RF GM DW LR SS GE	PCA PCA PCA PCA AG MDH
	B		MJH	PCA		

Goal/Issues	Priority	Task	Responsible For Initials Agency	Coordinate With Initials Agency
V. Maintain community relations				
1. Working group	A	-Last meeting 5/27/82 - minutes	ML MDH	
	B	-Next meeting - 7-8-82 - agenda	MJH PCA	
2. Community relations program				
a. Well abandonment	A	-Notify Star & Tribune and Sun when Hickok starts well 23	MJH PCA	
b. Well survey	A	-Develop program by 6/15/82	MJH PCA	PH DK MC PCA SLP MDH
c. Water treatment study	A	-Develop program by 6/30/82	MJH PCA	PH DK PCA SLP
d. Source materials facility plan	A	-Develop program by 6/30/82 (see IV.4.)	MJH PCA	PH DK PCA SLP
3. Other	A	-Respond to Brimeyer, SLP letter of 3/15/82 suggesting frequent meetings	MJH PCA	
	F	-Call Koppy re: Board meeting	MJH PCA	
	A	-Call Brimeyer week of 6/7/82	MJH PCA	

Goal/Issues	Priority	Task	Responsible For Initials Agency	Coordinate With Initials Agency
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VI. Miscellaneous